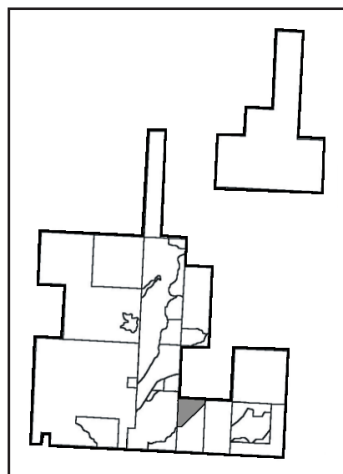


## Preserve



### C(DNR)8a-P: Preserve, Clay County Bicentennial Prairie lease to DNR, (Section 5, Keene Township)

#### **Aggregate Potential:**

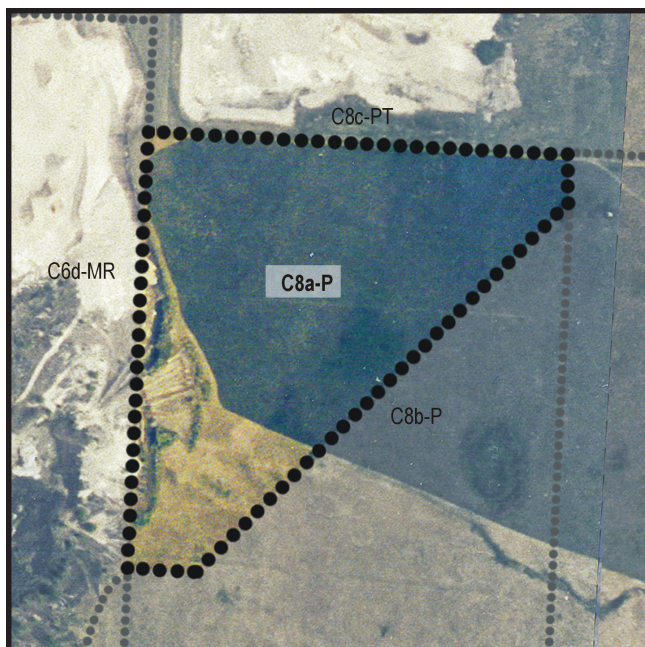
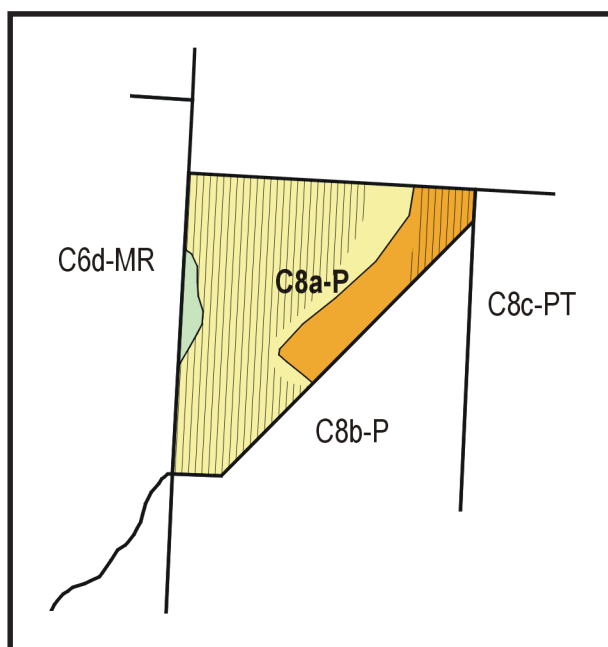
Resistivity survey in 2000 indicated a significant aggregate resource of undetermined quality.

#### **Prairie Habitat Assessment:**

Area supports critical habitat for endangered species and adjoins narrow corridor on county land east of the gravel mine connecting Bicentennial Prairie SNA with prairie habitat north of the county mine.

#### **Fen Impacts:**

Mining below the water table buffer (10') would divert ground water delivery to the south fen and decrease head pressure.



#### **Area Statistics**

	Landtype	Acres
	Open Ground	0.82
	Dry Prairie (Northwest) Sand-Gravel Subtype	21.25
	Mesic Prairie (Northwest)	5.99
	<i>Total</i>	28.06

#### **Dakota Skipper Habitat**

Habitat	Acres
Confirmed Good	18.05
<i>Total</i>	18.05

#### **Recommendations:**

This area should be preserved through easement, lease, or other protective agreement for a minimum of 60 years because it serves as a critical habitat corridor. Access should be restricted at the northwest corner with a gate or boulders.

**Habitat Management:** Prescribed burning

#### **Timeframe:**

This area is currently leased to DNR as a Scientific and Natural Area through 2006.

# **C(DNR)8b-P: Preserve, Clay County Bicentennial Prairie lease to DNR (Section 5, Keene Township)**

## **Aggregate Potential:**

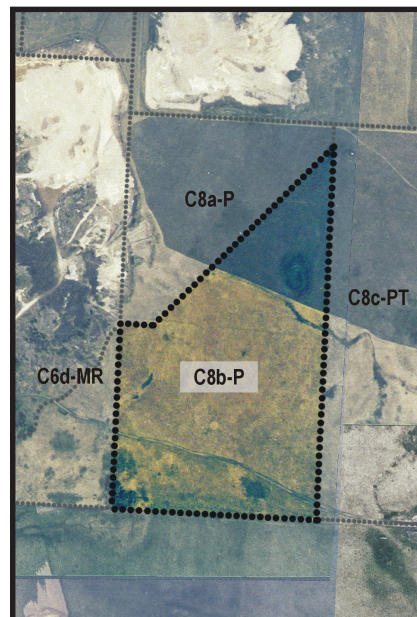
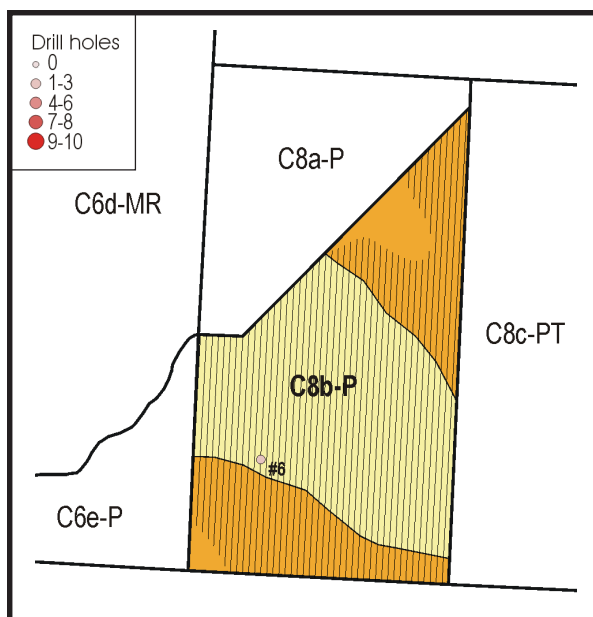
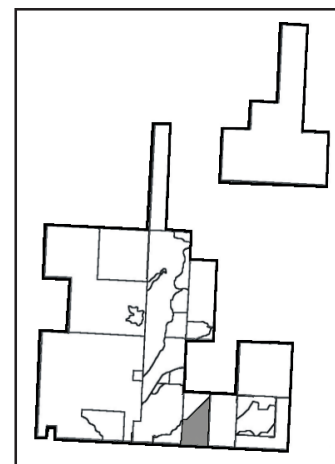
None documented in drill hole #6, but resistivity survey indicated a mixed deposit of sand and gravel with high overburden. Committee assumes the quality would be poor.

## **Prairie Habitat Assessment:**

High quality prairie and habitat for rare species with woody encroachment (Cottonwood clones) on spoil piles.

## **Fen Impacts:**

Not evaluated because aggregate resource is not desirable.



## **Drillhole Statistics**

Drillhole	Gravel Thickness	Gravel Above Fen	Aggregate Ratio	Quality
6	0	NA	0.00	2.0

## **Area Statistics**

	Landtype	Acres
	Dry Prairie (Northwest) Sand-Gravel Subtype	32.30
	Mesic Prairie (Northwest)	23.75
	<i>Total</i>	56.05

## **Dakota Skipper Habitat**

Habitat	Acres
Confirmed Good	48.58
<i>Total</i>	48.58

## **Recommendations:**

Most of this area is leased to DNR through 2026 as a State Scientific and Natural Area (SNA). Recommend permanent protection through easement, lease, transfer, other protection agreement, or sale.

**Habitat Management:** Remove woody vegetation by cutting and girdling. Maintain prairie with prescribed burning. Control motorized access to the unit with a gate at the parking lot.

## **Timeframe:**

The county should preserve this area under DNR management for 75 years. Alternately, the county could explore transfer options in order to finance road gravel or an alternate mining site.